

Figure 1

# TOPICAL INDUCERS OF LANGERHANS CELL MIGRATION

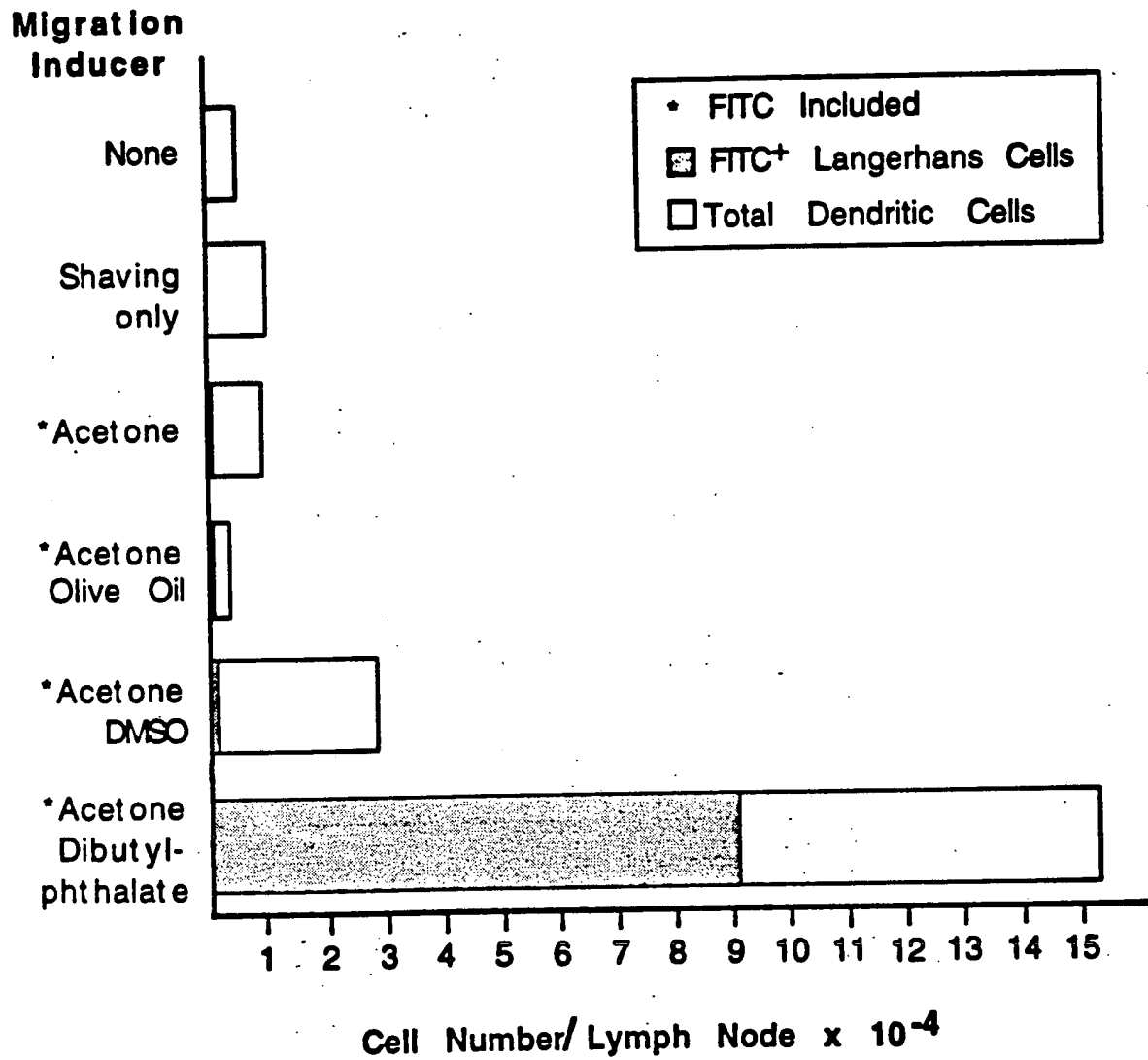


Figure 2

DENDRITIC CELLS In LYMPH NODE after SKIN PAINTING

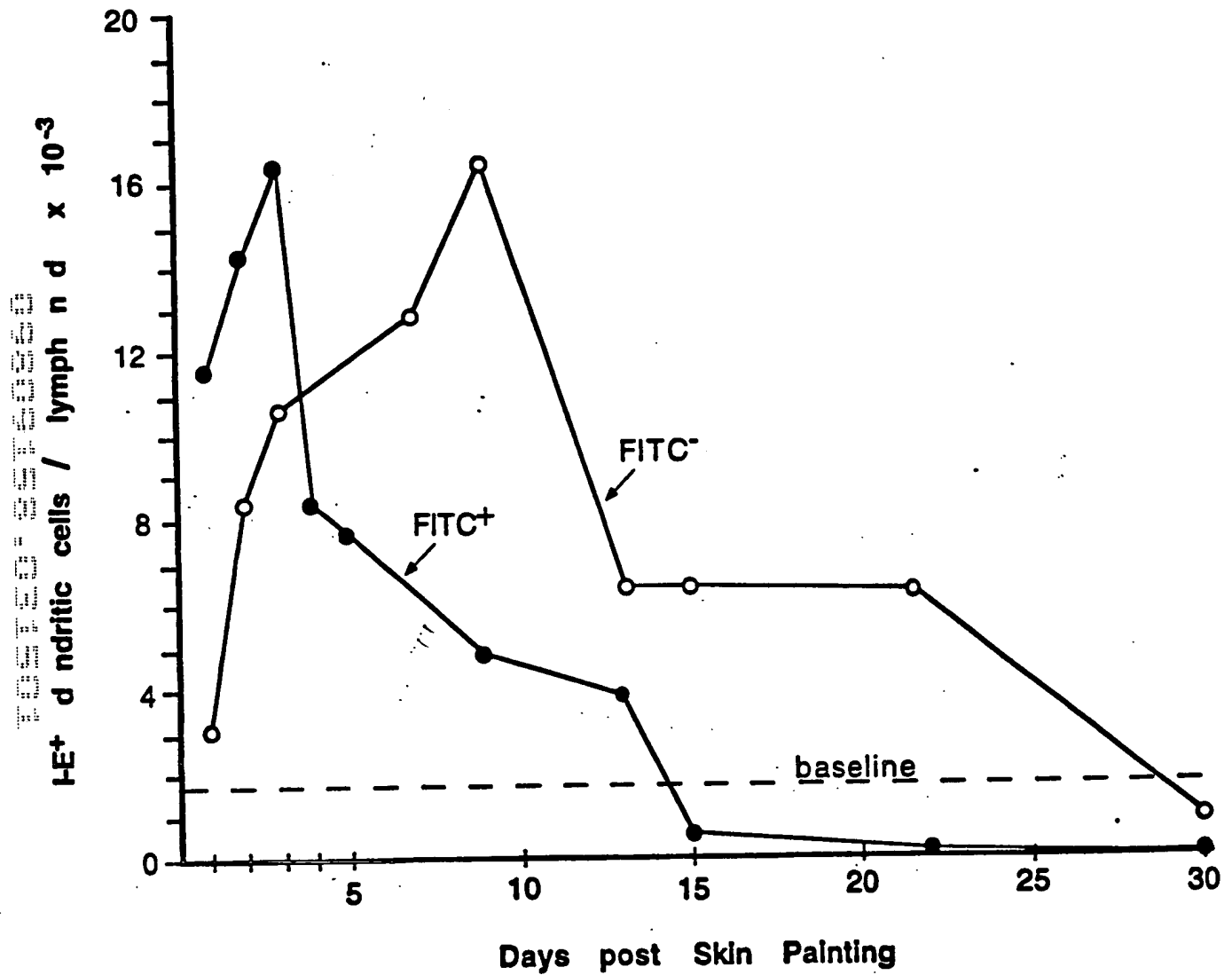
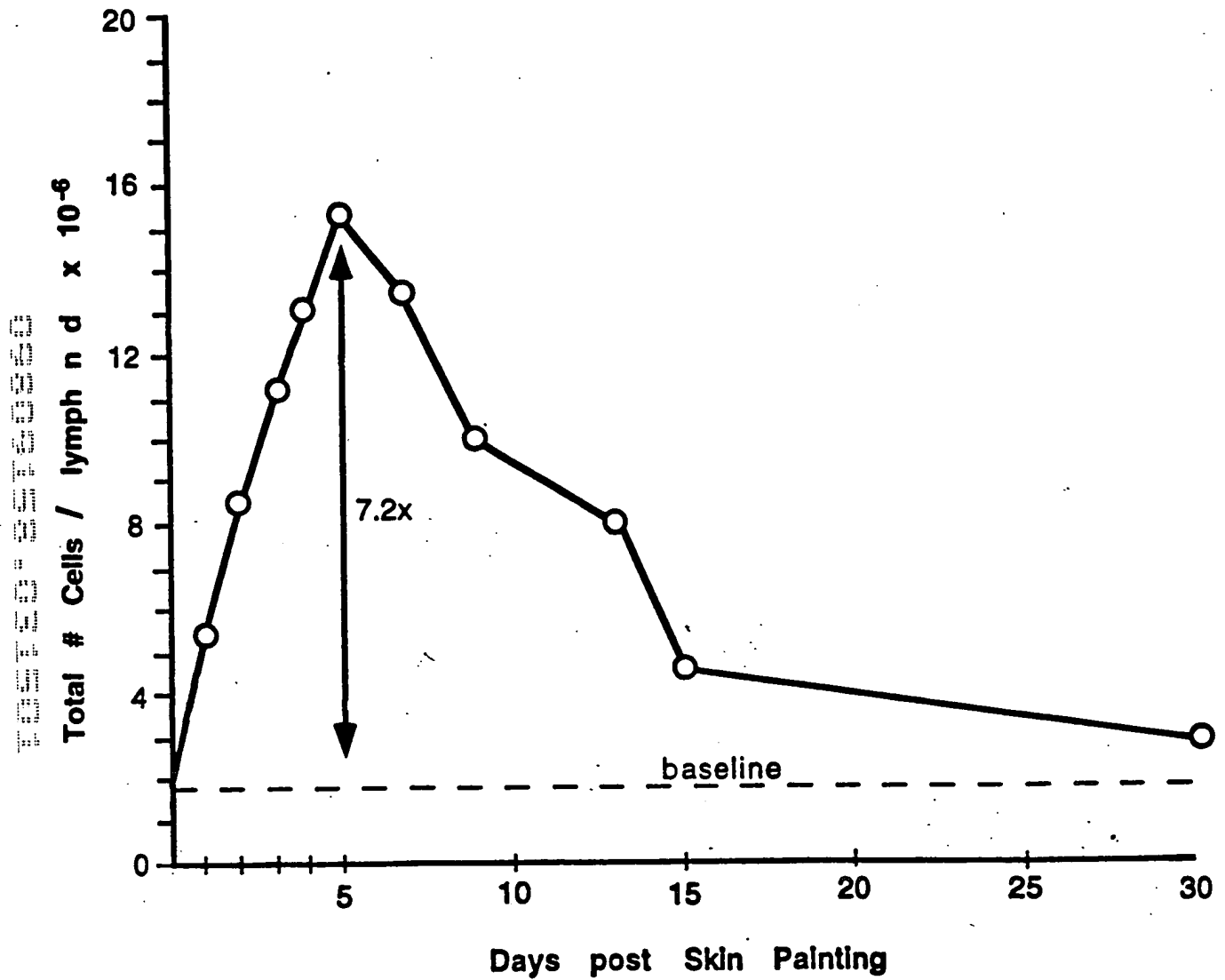


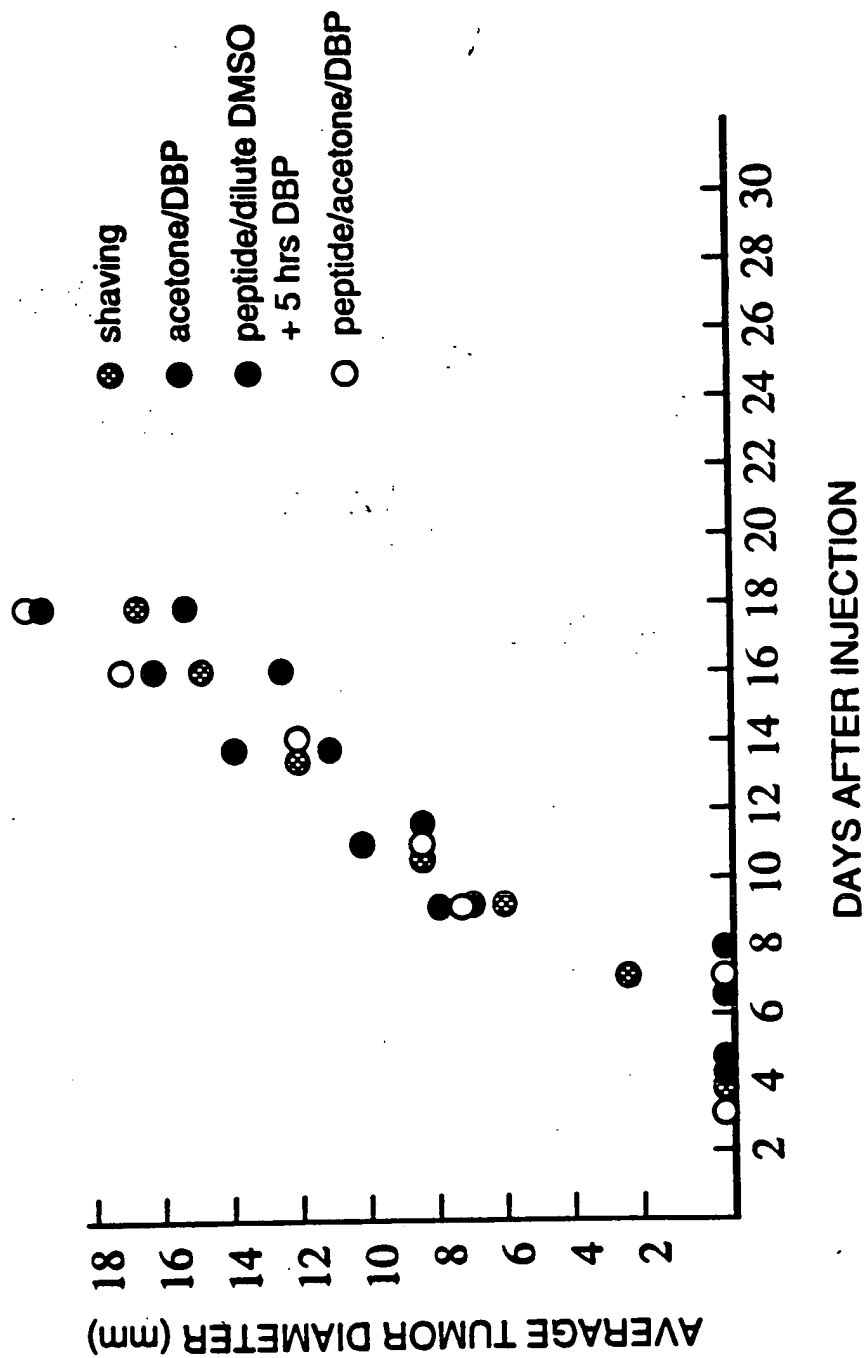
Figure 3

# LYMPH NODE CELLULARITY after SKIN PAINTING



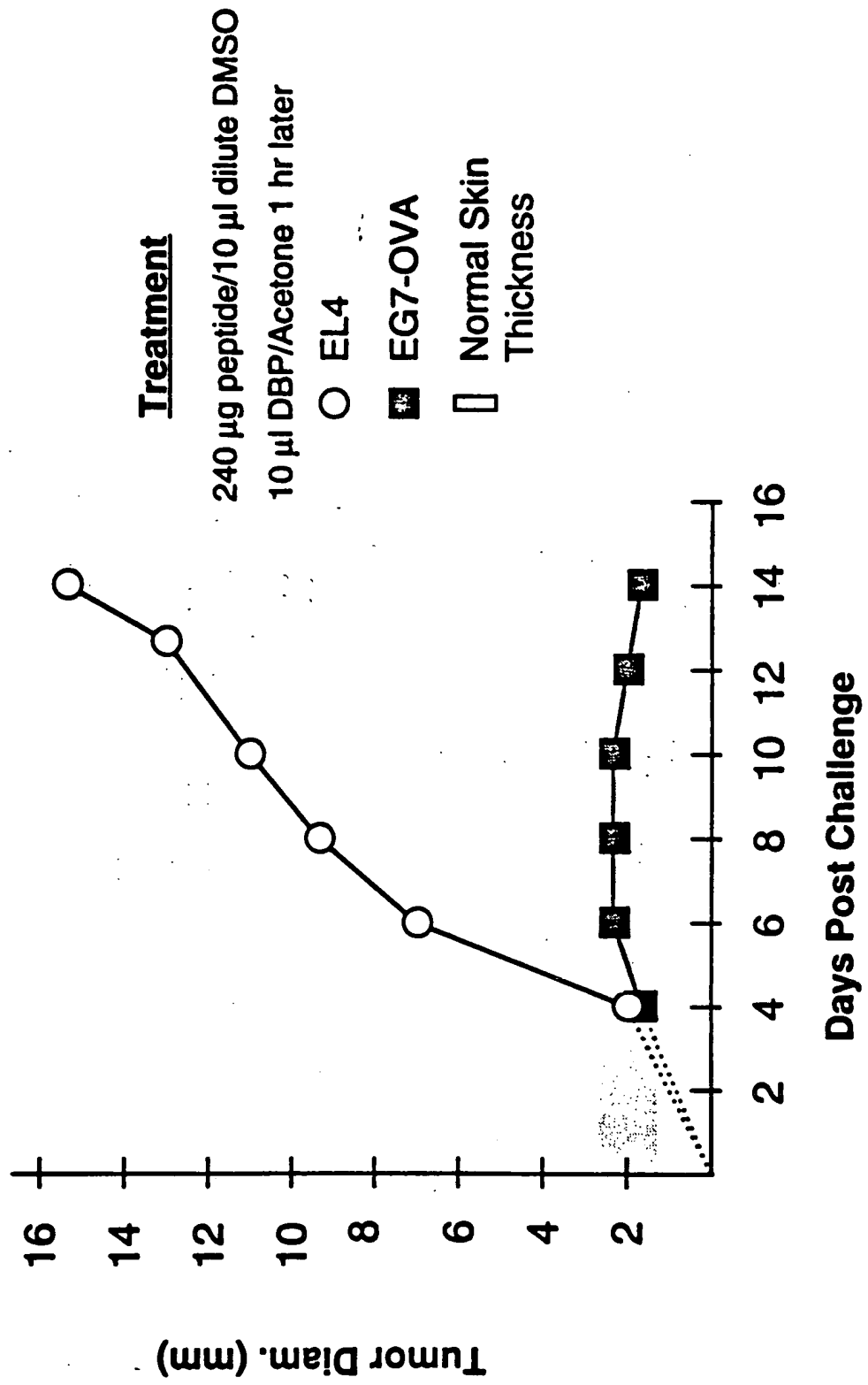
# **TUMOR GROWTH after SKIN PAINTING with PEPTIDE in Dilute DMSO**

**Figure 4**

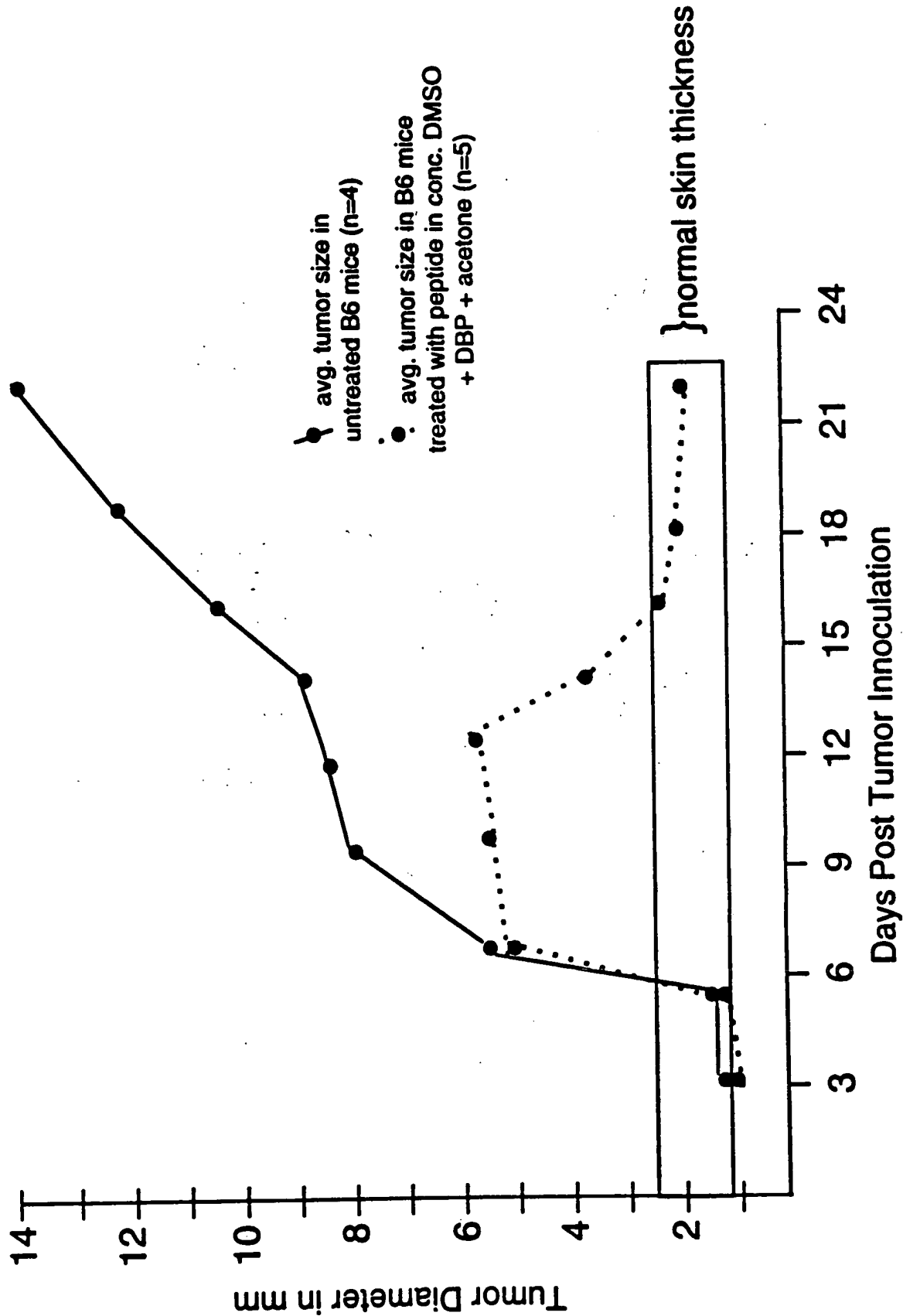


# **Intravaginal Application of Peptide and DBP Induces Protective Tumor Immunity**

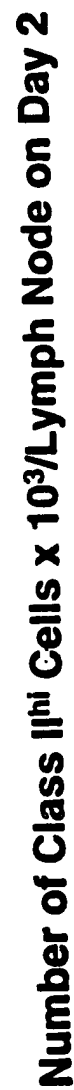
**Figure 5**



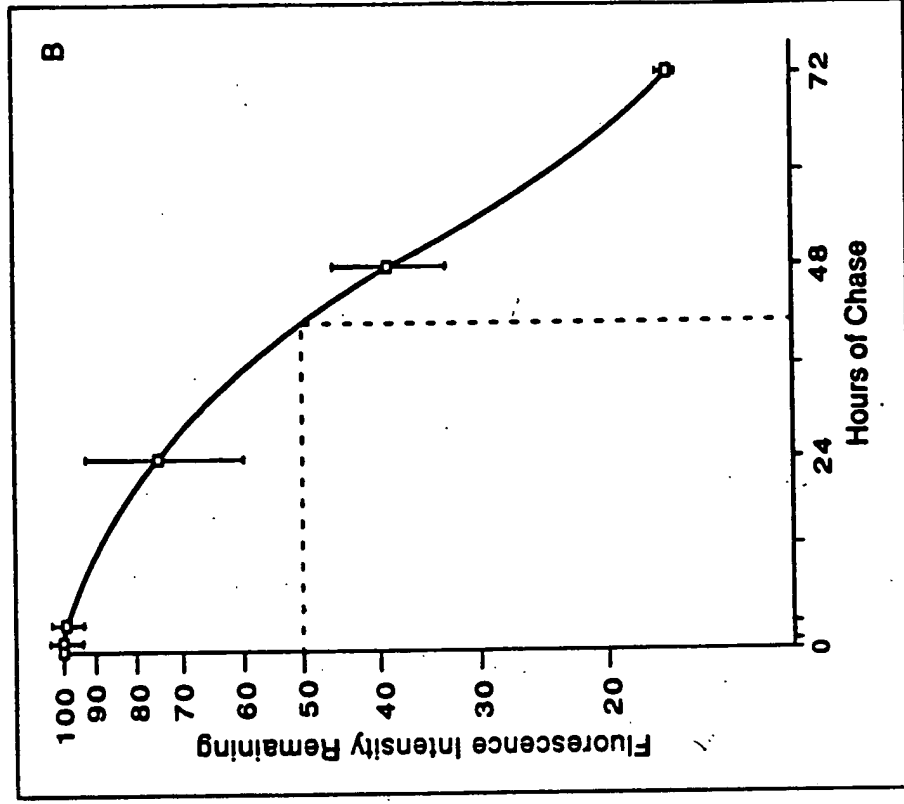
# **Tumor Specific Immunity Induced by Cutaneous Application of Tumor Peptide in concentrated DMSO followed by DBP**



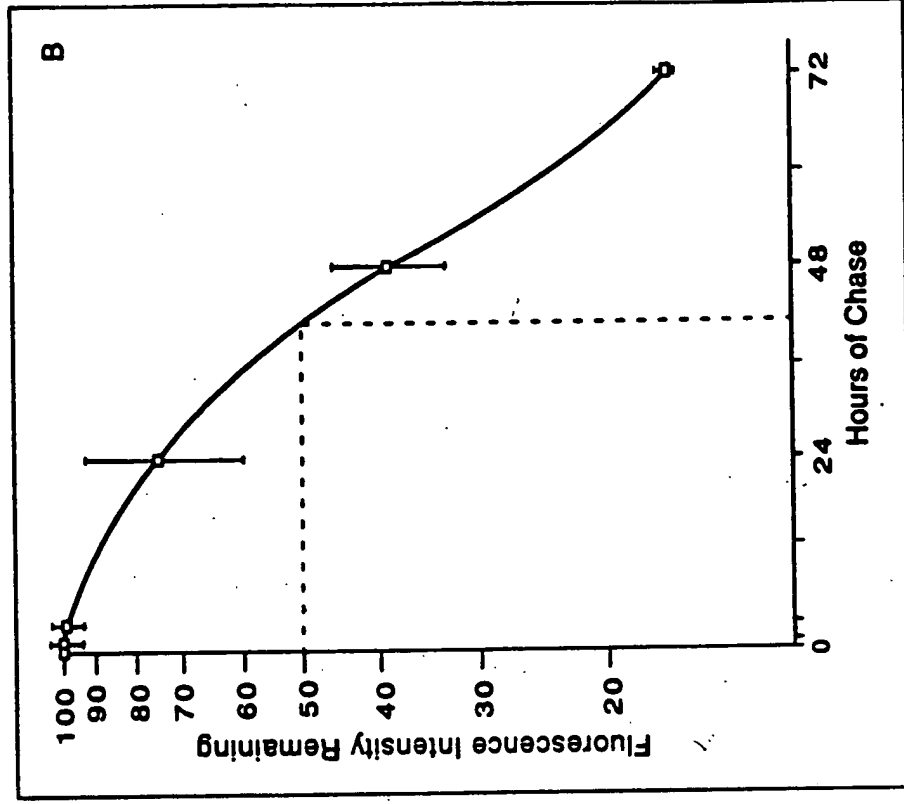
**Figure 7**



# Quantitative Detection of Peptide:MHC Complexes on Langerhans Cells *in vitro*



A. Immunofluorescent Detection of SIINFEKL:K<sup>b</sup> Complexes on Langerhans Cells *in vitro*

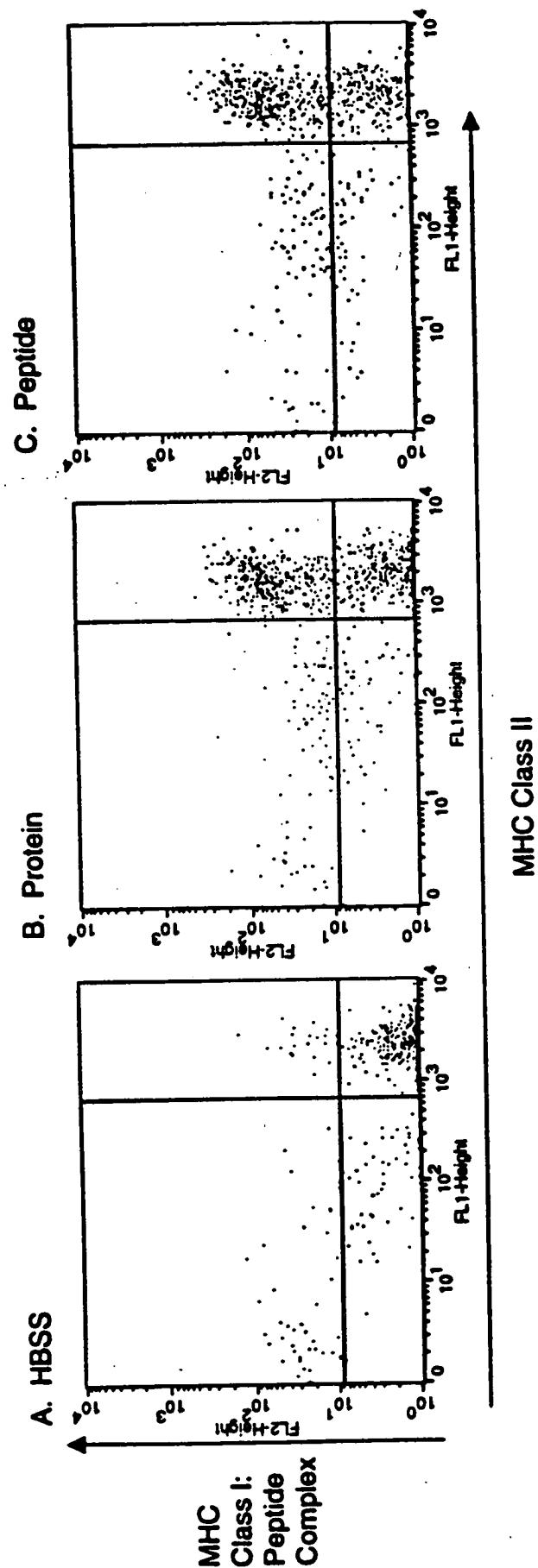


B. Half Life of SIINFEKL:K<sup>b</sup> Complexes on Langerhans Cells *in vitro*





# Antigen-bearing Dendritic Cells in Lymph Nodes after Injection of Soluble Protein or Peptide followed by Migration Inducer



# Antigen-bearing Dendritic Cells in Lymph Nodes after Injection of Soluble Peptide with or without subsequent Migration Inducer

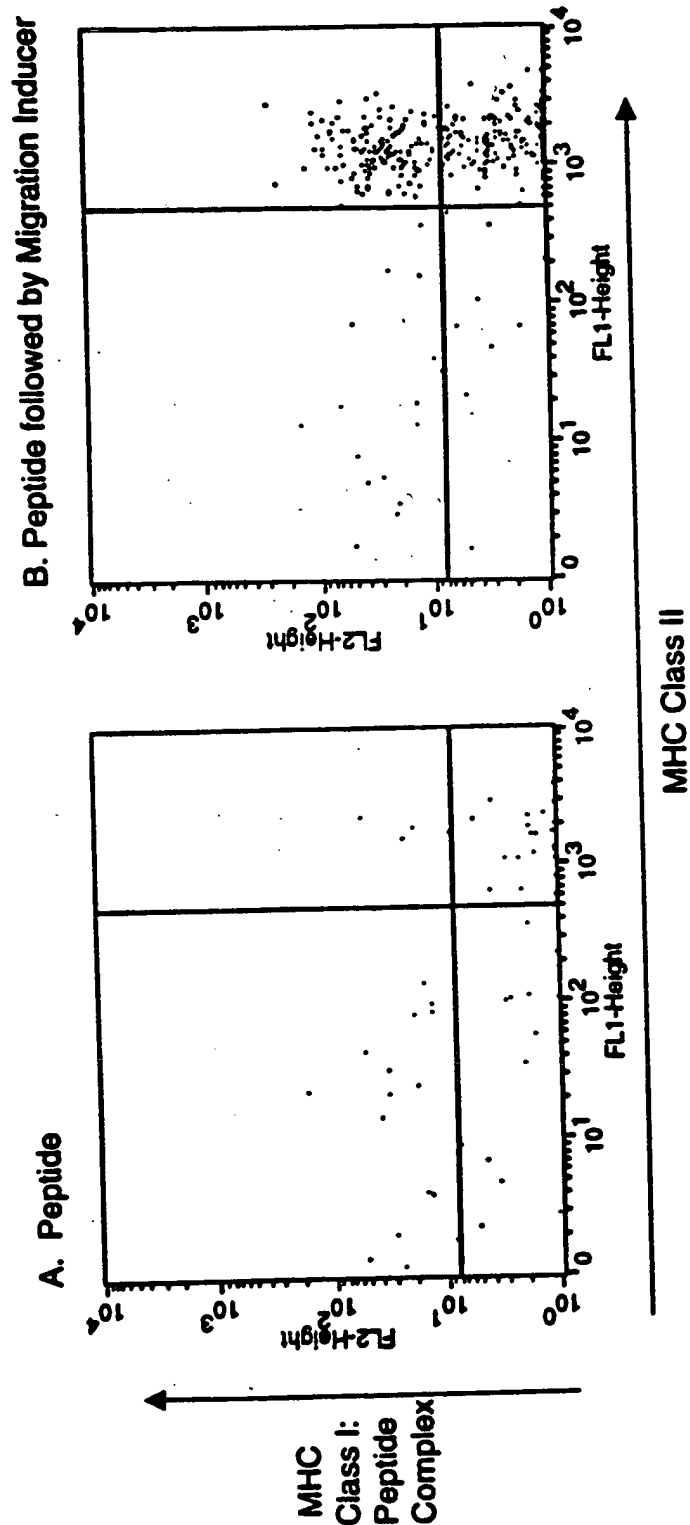


Fig. 12

Tumor-specific Immunity induced by a Single Injection of  
a Tumor Protein followed by a Topical Migration Inducer

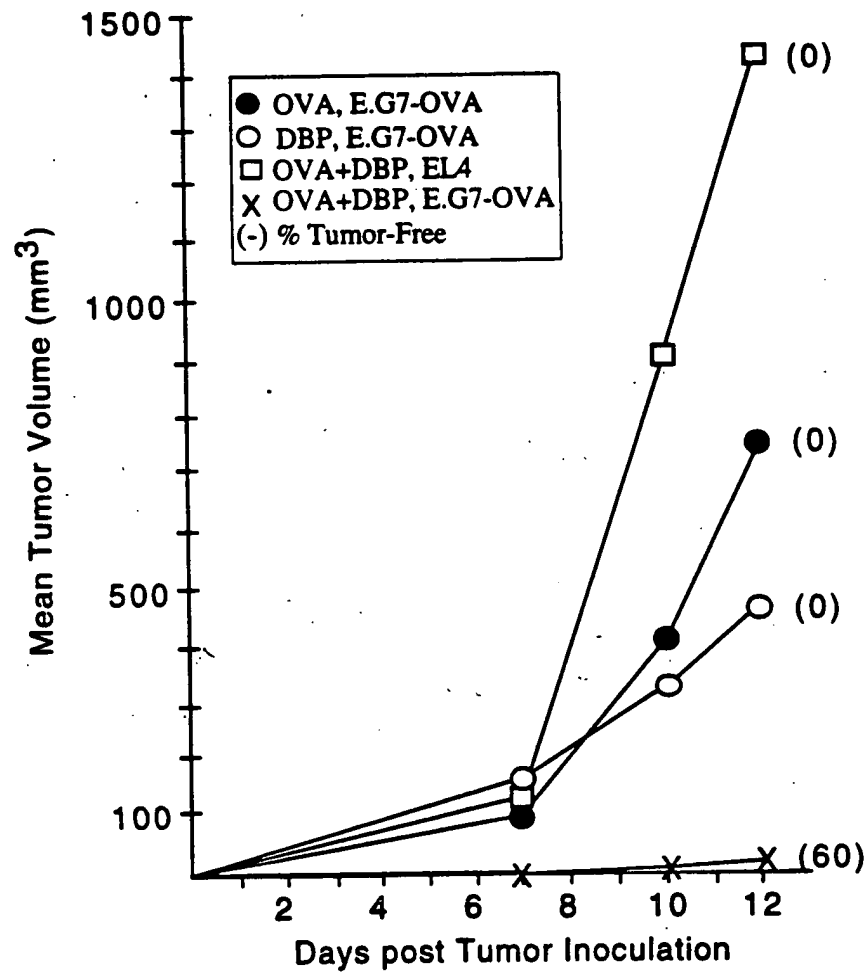


Fig. 13

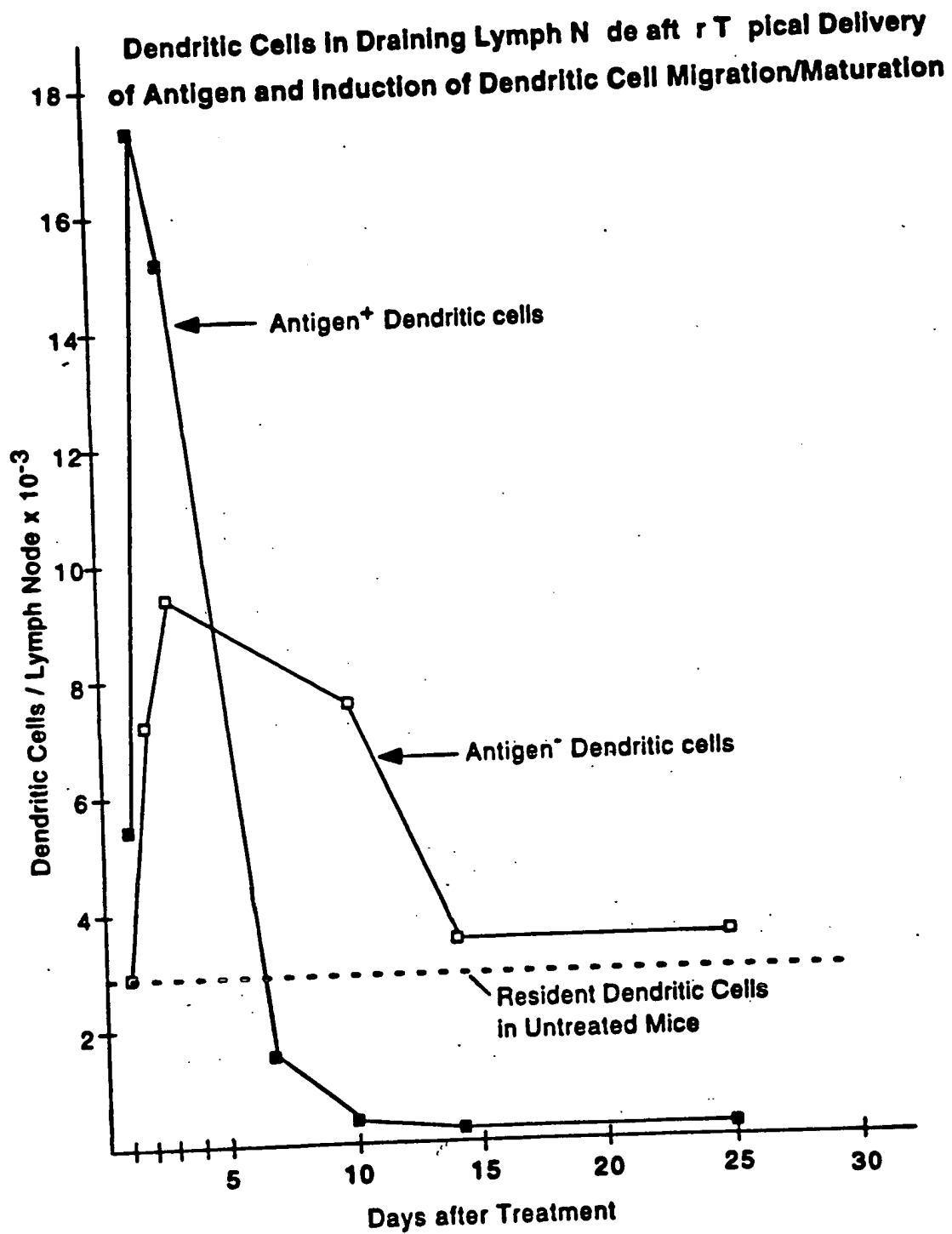
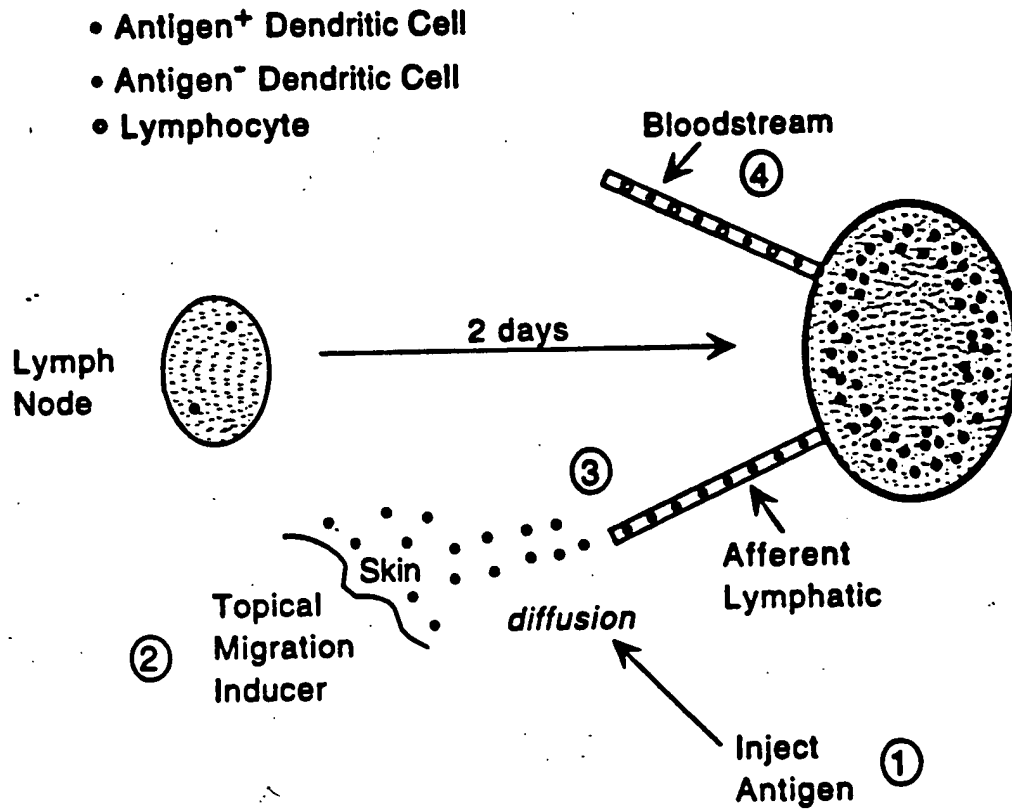


Fig. 14

# Adjuvant Effects of Inducing Dendritic Cell Migration/Maturation



## Antigen<sup>+</sup> Dendritic Cells

504 → 22,239

## Antigen<sup>-</sup> Dendritic Cells

2,520 → 33,673

## Lymphocytes

$6 \times 10^6 \rightarrow 8.6 \times 10^6$